



WWRP Tertiary Filters



WWRP Recharge Wells



Transportation Master Plan



Ranger Station Park



Coffee Pot Drainage



Dog Park Improvements



City of Sedona Public Works Department Capital Improvements Plan (CIP)



Brewer/Tlaquepaque Drainage



PD Shooting Range



Juniper Hills Area Drainage

April 2018 - FY 18 Project Updates

WEB
LINK:
www.sedonaaz.gov/CIP



FY18 CIP Update

April 2018 - Updates

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City of Sedona
Public Works Department
 102 Roadrunner Drive Sedona, AZ 86336
 (928) 204-7111 • Fax: (928) 282-5348

Transportation Master Plan Update

FY18 CIP Update



KEY FEATURES:

Consultant: Kimley-Horn

Contractor: N/A

Timing: April 2016 – December 2017

Construction Challenges:

- N/A

Project Manager:
 Stephen Craver, PE
 (928) 203-5059
SCraver@SedonaAZ.gov

City Engineer:
 J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$10,000
Total Project Budget: \$250,000

This study was needed due to the growing congestion issues the City has experienced. The update provides a comprehensive plan to improve multimodal transportation throughout the City. Kimley-Horn was selected through a competitive Request for Qualification process. The design contract was approved by Council on April 12, 2016. The scope of work included a review of previous plans and studies, data collection, stakeholder interviews, current/future conditions analysis, toolbox workshops, and two phases of public outreach through an online engagement survey. All proposed strategies were discussed at Council on January 10, 2017, and more detailed discussions with Council occurred over the next several months. The consultant collected Google travel time data between February 2017 and January 2018 to measure the quantity and frequency of delays.

Status: On January 9, 2018, City Council approved a resolution and ordinance amending the City Tax Code Article IV to temporarily increase the City's Transaction Privilege Tax by .5% for a period of 10 years, dedicated to transportation related projects, services, and administration. The final Master Plan document has been completed. Staff will move forward with prioritized projects such as the Uptown Roadway Improvements and the Forest Road Connection. These projects, resulting from the Master Plan, will be denoted as Sedona in Motion projects indicating they are funded by the transportation sales tax.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	100%	December 2017
Construction	N/A	N/A



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Dog Park Improvements

FY18 CIP Update



KEY FEATURES:

Consultant: Norris Design

Contractor: Valwest Construction

Construction Challenges:

- Phasing of construction per Master Plan

Project Manager:

James Crowley, RLS, EIT
 (928) 203-5092

JCrowley@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$180,000

Const. Contract Awarded: \$228,548

Total Project Budget: \$266,968

The Posse Grounds Dog Park Project will renovate and upgrade the existing dog park in Sedona's largest community park, Posse Ground Park. Depending on future fiscal years' budgets, the City would construct the phased improvements proposed in the Dog Park Master Plan. The Master Plan proposes an improved ground surface, K9/human drinking fountains, and other upgrades that can be included to improve the park based on best practices and community feedback. Phase 1 improvements include: Parking improvements, water station/drainage improvements, and artificial turf and other surface material improvements.

Status: The Master Plan was developed with input from the public and staff in FY 2016-2017. Phase 1 design was completed in April 2017. The construction contract was advertised for bid and re-advertised due to funding issues. Staff was ultimately able to recommend award and Council awarded a construction contract on August 8, 2017.

Construction began on September 11 and was complete in mid November 2017.

The grand opening held on November 30 was well attended and the park is open for canines and their humans.

The Dog Park will be closed on Thursdays from 9:00 to 10:00 a.m. for weekly maintenance work. This will involve sanitizing drinking stations and fountains, garbage cans, artificial turf and benches

For a copy of this update, or updates for other projects, visit the projects website at:

Project Status

April 2018

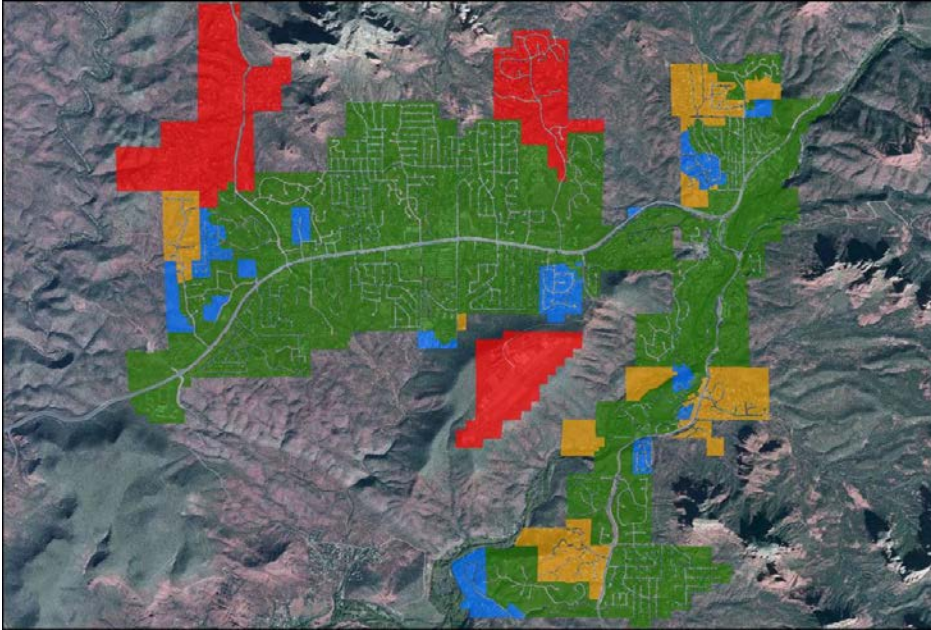
Project Phase	% Completion	Completion Date
Construction (Phase 1)	100%	November 2017



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Wastewater Master Plan Update

FY18 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers, Inc.

Contractor: TBD

Construction Challenges:

- N/A

Project Manager:
 Roxanne Holland, PE
 (928) 203-5069
RHolland@SedonaAZ.gov

City Engineer:
 J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$150,000
Total Project Budget: \$980,000

The Wastewater Master Plan Update is a project that will evaluate the wastewater collections system. The report that is completed as part of this project will be an update to the previous Wastewater Master Plan, which was completed in 2000.

The report will identify service areas, system capacities, and future capital projects needed for repair or extension of the collection system.

Status: Information on the project can be found at www.SedonaAZ.gov/wwmp.

Staff presented the final draft to Council and the public at a special City Council meeting on November 29, 2017. Council provided direction to staff to further analyze the cost and options for sewer extensions into areas that do not currently have sewer availability. Staff will present that analysis to Council in Spring 2018.

The final draft of the 2017 Wastewater Master Plan Update is 100% complete.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	100%	February 2018
Construction	N/A	N/A



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Brewer Road/Tlaquepaque Drainage Improvements

FY18 CIP Update



Phases 1 and 2 of this project included installing barriers along the top of the wash bank. These improvements increased the entire channel capacity between Brewer Road and Oak Creek. However, the ultimate design capacity of the channel will not be reached until Phase 4 is complete; see below.

Phase 3 included the replacement of double box culverts at Portal Lane and the pedestrian walkway with a single box culvert at Portal Lane and a clear span steel pedestrian bridge. The work for this phase was completed in June 2016.

Phase 4 design includes improving the entire channel cross section between Brewer Road and Oak Creek to convey the 25-year flow.

Status: Phase 4 design began in January 2016 and was completed in October 2016. Phase 4A (Portal Lane to Oak Creek) construction was budgeted in FY 2017 and Phase 4B (Brewer Road to Portal Lane) construction is budgeted in FY 2018. On January 24, 2017, City Council approved a resolution to enter into Cost-Sharing Agreements with Tlaquepaque and Los Abrigados in the amount of \$250,000 for each party to construct the Phase 4 improvements. Phase 4A construction began on March 6, 2017, and reached final completion on August 18, 2017. Phase 4B construction began on October 16, 2017, and reached substantial completion on March 27, 2018.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

KEY FEATURES:

Consultant: Shepherd-Wesnitzer, Inc.

Contractor: Tiffany Construction Co.

Timing:

Phase 4:

Design: Jan 2016 – Oct 2016

Construction: FY 2017 & 2018

Construction Challenges:

- Pedestrian access
- Business access
- Utility Coordination
- Maintenance of Drainage
- Maintenance of Traffic

Project Manager:

David Peck, EIT

(928) 204-7108

DPeck@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$1,418,805

Total Project Budget: \$3,623,896

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design – Phase 4	100%	October 2016
Construction (Portal Ln–Oak Creek)	100%	August 2017 (Phase 4A)
Construction (Brewer Rd-Portal Ln)	100%	3/27/18 (Phase 4B)



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Ranger Station Park

FY18 CIP Update



KEY FEATURES:

Consultant: Norris Design

Contractor: TBD

Timing: Master Plan design complete

Phase 1 Design-June 2017

Construction Challenges:

- Phasing of construction due to Master Plan
- Maintaining historic elements
- Finding a qualified contractor

Project Managers:

Cynthia Lovely
 (928) 203-5035

CLovely@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$120,175

Total Project Budget: \$261,600

The following summarizes the Ranger Station Park Master Plan:

Major elements consist of the Barn and House: multi-purpose community rental spaces; the Plaza: multi-purpose open area between the house and barn and the Open Lawn: large open area south of the barn.

Possible activities include community events, weddings, family reunions; concerts, dances, plays, movies; historic talks and tours; classes and workshops; meetings and small conferences; farmers market and temporary art galleries.

Recreation Amenities include walking path, picnic tables, swings, play features and pickleball courts.

Possible Recreation Activities include horseshoes, croquet, hopscotch, yoga and frisbee.

Park Features include historic interpretive information, art murals and sculptures, benches and food truck vendor space.

Design Features include green building: energy and water efficient; native landscaping: plants representative of the natural, local landscape and orchard trees for shade and in recognition of the historic orchards in Sedona.

Phase 1A includes: Installing underground utilities and rough grading the site. Design of the gravity sewer system has been completed. The sewer and water lines have been installed.

Status: In FY 2018 we will complete construction of the Phase 1A improvements. For further project information visit the project web page: www.sedonaaz.gov/rangerstation.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Construction (Phase 1A)	40%	May 2018



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Courtroom Remodel

FY18 CIP Update



KEY FEATURES:

Consultant: Don Woods Architect

Contractor: TBD

Construction Challenges:

- Efficiently utilize space to create a functional court house

Project Manager:

Ryan Mortillaro, EIT
 (928) 203-5091

RMortillaro@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$272,500

Total Project Budget: \$272,500

The court and City Council often compete for the usage of the existing court chambers at City Hall. As court usage steadily increases, the need for a dedicated full time court house is becoming a basic need. The extent of this project is to remodel the interior of the building on 55 Sinagua Drive. This will be a full remodel and will ensure court functions and needs are met.

Status: Don Woods Architect is currently preparing the construction drawings for the project.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	65%	March 2018
Construction	0%	TBD



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PD Facility Renovation

FY18 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Construction Challenges:

- Remodel with minimal disruption to Police Department function

Project Manager:

Ryan Mortillaro, EIT
 (928) 203-5091

RMortillaro@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$150,000

Total Project Budget: \$150,000

The Police Department has determined the need to efficiently remodel underutilized floor space. This project will assess the full needs of the Police Department, and may result in a full remodel of the existing station, and the addition of new floor space.

Status: The City of Sedona is preparing a contract with Don Woods Architect to prepare a remodel program and project scope for the future remodel design. This contract will not cover the design of the remodel.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

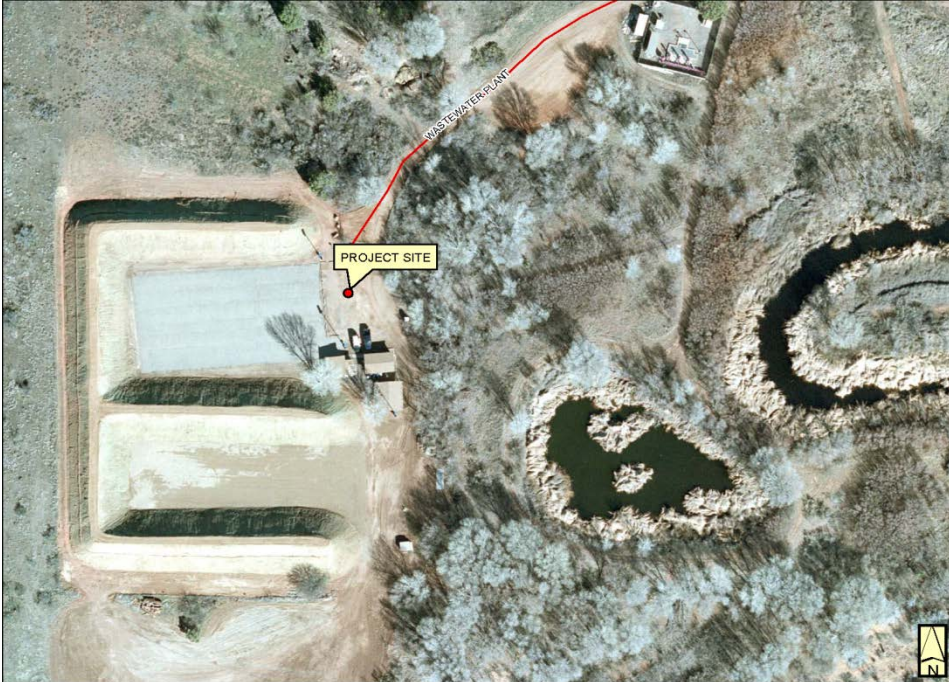
Project Phase	% Completion	Completion Date
Design	0%	TBD
Construction	0%	TBD



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PD Shooting Range Improvements

FY18 CIP Update



KEY FEATURES:

Consultant: Lyon Engineering

Contractor: TBD

Construction Challenges:

- N/A

Project Manager:

Ryan Mortillaro, EIT

(928) 203-5091

RMortillaro@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$272,500

Total Project Budget: \$726,250

The Police Department has determined the need for a more functional shooting range facility. The shooting range will see improvements to restroom facilities, storage, and an additional briefing/presentation room.

Status: The bid opening took place on October 26, 2017. All bids received were unsuccessful. An RFB for a modular classroom is currently being prepared to be sent out.

For a copy of this update, or updates for other projects, visit the projects website at:
www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	100%	Summer 2017
Construction	0%	Summer 2018



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Brewer Road Crossing Improvements

FY18 CIP Update



KEY FEATURES:

Consultant: Shepherd-Wesnitzer, Inc.

Contractor: Tiffany Construction Co.

Timing:

Design: FY 2017

Construction: FY 2018

Construction Challenges

- Business and Residential Access
- Maintenance of Utilities
- Maintenance of Drainage
- Maintenance of Traffic

Project Manager:

David Peck, EIT

(928) 204-7108

DPeck@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$856,900

Total Project Budget: \$951.850

This project involves the removal of an existing corrugated metal arch culvert and its replacement with a reinforced concrete box culvert. The new box culvert will be designed to convey the 25-year storm event. The project will include channel improvements for approximately 75' downstream to tie into the upstream extent of the Brewer Road / Tlaquepaque Drainage Improvements – Phase 4 (once those Phase 4 improvements are complete). Brewer Road / Ranger Road surface improvements and intersection alignment improvements will be made in the vicinity of the crossing as well.

Status: The design work for this project was budgeted in FY 2017 and completed in June 2017. A water main, three pressure gas mains, and a telephone cable needed to be relocated to make room for this project. As estimated, this utility relocation work used up the first four months of the initial part of the construction schedule. The construction for this project is budgeted in FY 2018, and began on October 30, 2017. This project is expected to be complete by June 29, 2018. The Brewer Road bypass route was put into use in early March. This bypass allows for demolition and construction of the new drainage structure under the roadway.

For a copy of this update, or updates for other projects, visit the projects website at:

www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	100%	June 2017
Construction	65%	Summer 2018



City of Sedona
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Coffee Pot Drainage Improvements

FY18 CIP Update



KEY FEATURES:

Consultant: JE Fuller, Inc.

Contractor: Tiffany Construction Co.

Timing:

Phase 3: FY 2018

Phase 4: FY 2019

Construction Challenges

- Business and Residential Access
- Maintenance of Utilities
- Maintenance of Drainage
- Maintenance of Traffic

Project Manager:

David Peck, EIT

(928) 204-7108

DPeck@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$1,295,000

Total Project Budget: \$4,699,441

Phase 1 included improvements in front of the Casa Bonita Condominium Subdivision. The improvements upgraded existing storm drain infrastructure and added new 72" storm drainage pipe. This work was completed in March 2016.

Phase 2 included installing 72" storm drainage pipe at the Coffee Pot Drive Crossing and along Grasshopper Lane, just past the existing Grasshopper Lane drainage crossing. This work was completed in April 2017.

Phase 3 (Grasshopper Phase) includes installing 72" storm drainage pipe along Grasshopper Lane, up to the downstream (south) side of Sanborn Drive. At the completion of this phase, Grasshopper Lane will be completely repaved.

Phase 4 (Little Elf Phase) includes installing 72" storm drainage pipe from the downstream side of Sanborn Drive, then along Little Elf Drive, to the City of Sedona parcel, north of the Coffee Pot Subdivision. This will include an inlet structure and a sediment basin. At the completion of this phase, Little Elf Drive will be completely repaved.

Status: Design of all phases is complete. The utility relocation work of placing overhead utilities underground and relocating a gas main for Phase 3 is complete. The Phase 3 construction is budgeted in FY 2018, and began on January 2, 2018. The expected completion date is July 15, 2018. Phase 4 construction is budgeted in FY 2019.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design (all four phases)	100%	January 2016
Construction (Grasshopper Phase)	60%	Summer 2018 (Phase 3)



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Juniper Hills Area Drainage Improvements

FY18 CIP Update



KEY FEATURES:

Consultant: Shepherd-Wesnitzer, Inc.

Contractor: Tiffany Construction Co.

Timing:

Design: FY 2018

Construction: FY 2019

Construction Challenges

- Residential Access
- Maintenance of Utilities
- Maintenance of Drainage
- Maintenance of Traffic

Project Manager:

David Peck, EIT

(928) 204-7108

DPeck@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE

(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$100,000

Total Project Budget: \$701,000

This project involves design and installation of storm drainage improvements in the Juniper Lane Area. Capacity of existing drainage conveyances will be increased from a point along Juniper Lane, just north of Cindy Lane, to an outlet near Oak Creek. The new improvements will be designed to convey the 25-year storm event. The installation of these drainage improvements will involve removal of approximately 800 feet of existing private street structure. The City will replace the street, but will not take ownership of, or maintain, the replaced street in the future; however, the City will maintain these storm drainage improvements after they are installed.

Status: The design work for this project is budgeted in FY 2018. The design process began in October 2017, and it was completed in April 2018. The construction for this project is budgeted in FY 2019. Drainage easements from residents in the project area will be necessary. David Peck has been meeting with property owners to keep them informed regarding the project's design/progress.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

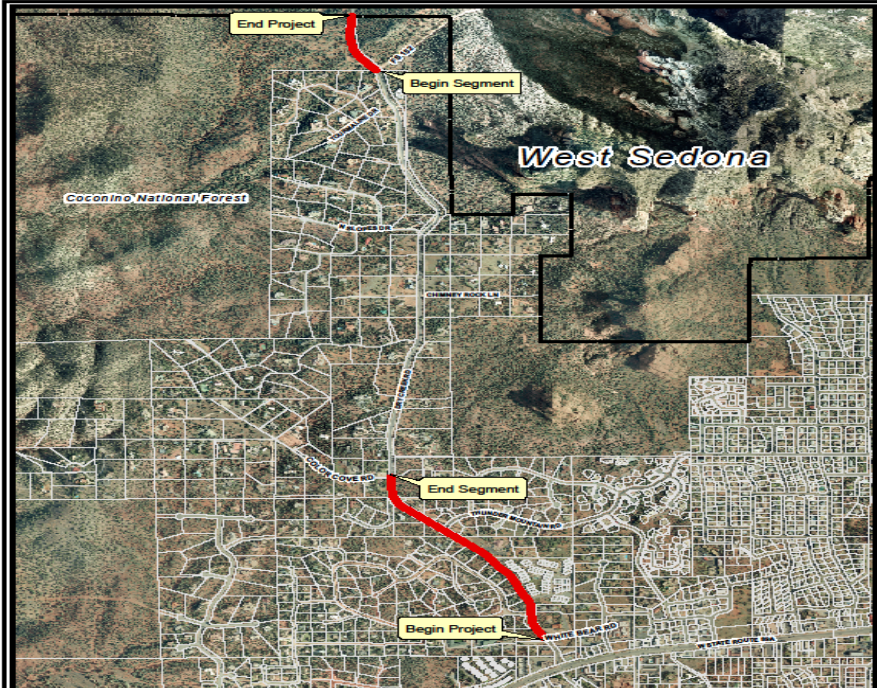
Project Phase	% Completion	Completion Date
Design	100%	April 2018
Construction	0%	FY 2019



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Dry Creek Road Overlay

FY18 CIP UPDATE



KEY FEATURES:

Consultant: Woodson Engineering, Inc

Contractor: TBD

Timing: FY18 Construction

Construction Challenges:

- Environmental Clearances
- Maintenance of Traffic

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$425,533

Total Project Budget: \$497,829

The project will include a mill and overlay, with minor shoulder widening. The segments of Dry Creek Road included are between White Bear Road and Color Cove Road and between Forest Service Road 152 and the city-limit boundary.

This project is part of the Surface Transportation Program (STP), which is administered by the Northern Arizona Council of Governments (NACOG). The city has partnered with Yavapai County (YC) to combine this project with their Boynton Pass Road Project. City Council and the YC Board of Directors approved an Intergovernmental Agreement (IGA) in March 2016 for the county to manage the project, with the city contributing funding for the city's portion of the project.

Status: Final plans, specifications and cost estimate were completed in mid-February 2018. YC has submitted the required documents to ADOT to initiate the project in the HURF Exchange Program, which will eliminate the need to design and construct the roadway to federal standards, reducing overall costs in the process. YC has received the final IGA from ADOT and will go to the YC Board for approval on May 16, 2018. Once the IGA is approved, it is anticipated that construction advertisement would occur in late May, with construction starting in July.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

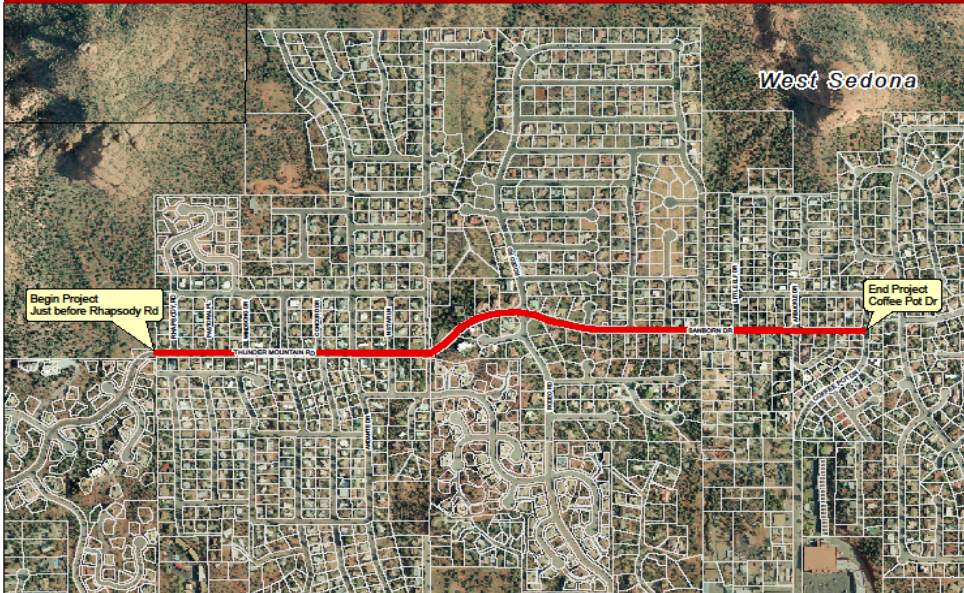
Project Phase	% Completion	Completion Date
Design	100%	February 2018
Construction	0%	August 2018



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Sanborn Drive/Thunder Mountain Road Overlay

FY18 CIP Update



KEY FEATURES:

Consultant: Woodson Engineering, Inc.

Contractor: TBD

Timing: Fall 2018 Construction

Construction Challenges:

- Environmental Clearances
- Maintenance of Traffic

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$75,750

Total Project Budget: \$682,174

The project will include a mill and overlay, with minor shoulder widening and curb along the south side of the roadway allowing for the construction of a shared use path in the future. The approximate one mile segment of Sanborn Drive/Thunder Mountain Road is between Rhapsody Road and Coffee Pot Drive.

This project is part of the Surface Transportation Program (STP), which is administered by the Northern Arizona Council of Governments (NACOG). A professional services contract with Woodson Engineering was approved by Council on September 13, 2016.

Status: It is staff's intent to complete the project through the HURF Exchange Program, which will eliminate the need to design and construct the roadway to federal standards, reducing overall costs in the process. Final plans, specifications, and cost estimate are expected in June 2018. Due to budget constraints in the FY 19 CIP budget, the construction of this project will be deferred to FY 20. Staff will present an amendment to the NACOG Technical Subcommittee in June to transfer the funds to FY 20.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	95%	June 2018
Construction	0%	FY 20



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Sedona in Motion – Uptown Roadway Improvements

FY18 CIP Update



KEY FEATURES:

Consultant: Kimley-Horn

Contractor: TBD

Timing: April 2018 – FY 19

Construction Challenges:

- Heavy vehicular and pedestrian traffic
- Land acquisition
- Potential for restricted work hours based on public outreach feedback

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$632,000

Total Project Budget: \$3,512,000

This project is a result of the Transportation Master Plan. It was identified by Council as the highest priority project. The project will include construction of a raised median with decorative barrier or landscaping; construction of a turn-around or roundabout at the north end of Uptown; construction of an additional southbound travel lane on SR 89A through Uptown; construction of a roundabout on SR 89A at Jordan Road; development of a new access to public parking via Schnebly Road; and traffic signal alterations.

Status: The project is currently in the Scoping Phase (Concept Design) with the City's consultant. The consultant's current focus is on data collection, land survey, geotechnical investigations, traffic studies and development of improvement concepts for design. A design concept report is expected in June 2018. The overall design phase of the project is anticipated to be completed on or about February of 2019.

For a copy of this update, or updates for other projects, visit the projects website at:

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Project Status

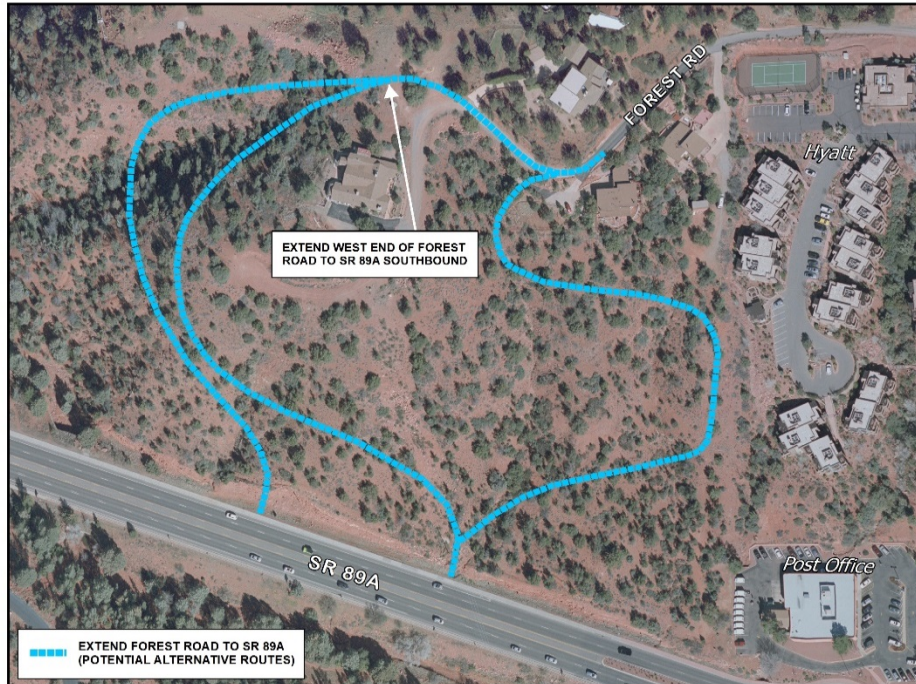
April 2018

Project Phase	% Completion	Completion Date
Design	0%	February 2019
Construction	0%	TBD



Sedona in Motion – Forest Road Connection

FY18 CIP Update



KEY FEATURES:

Consultant: Southwestern Environmental Consultants (SEC)

Contractor: TBD

Timing: December 2017 – FY 19

Construction Challenges:

- Extremely steep slopes
- Land acquisition

Project Manager:
 Stephen Craver, PE
 (928) 203-5059
SCraver@SedonaAZ.gov

City Engineer:
 J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$520,000
Total Project Budget: \$1,320,000

This project is a result of the Transportation Master Plan. It was identified by Council as a high priority project. The connection will allow for residents who live in the Uptown area, to avoid SR 89A and the “Y” when traveling to and from West Sedona. Land acquisition will be necessary in order to make this a public connection.

Status: The Feasibility/Concept design continues to progress with our consultant Southwestern Environmental Consultants, Inc. (SEC). Several alignment alternatives have been identified for connecting Forest Road to SR 89A. Design tasks in process include developing preliminary plans, analyzing drainage needs, and developing an opinion of cost for the project. Conceptual design phase is approximately 70% complete. It is anticipated that the Feasibility Study will be completed by end of May 2018.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Concept Design	35%	December 2018
Construction	0%	TBD

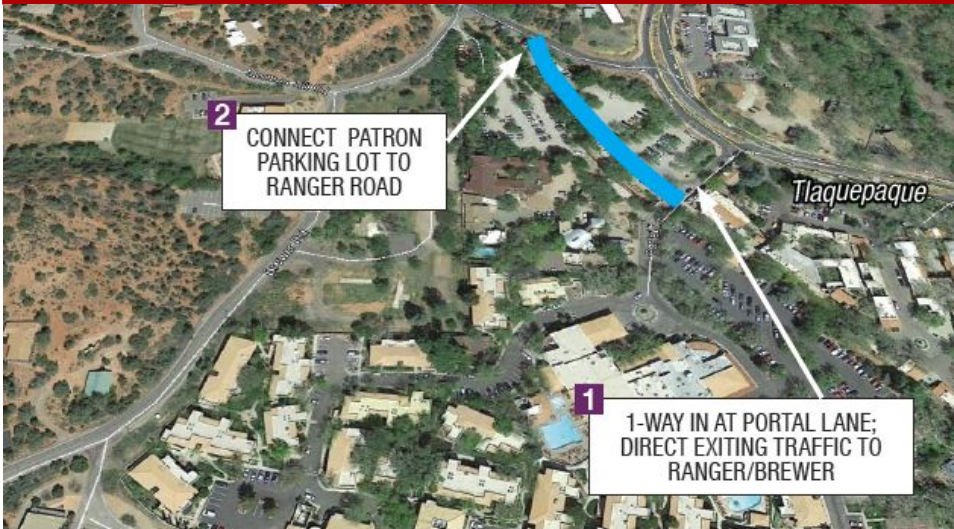


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Sedona in Motion – Brewer-Ranger Connection

FY18 CIP Update



KEY FEATURES:

Consultant: Shephard-Wesnitzer (SWI)

Contractor: TBD

Timing: December 2017 – FY 19

Construction Challenges:

- Land acquisition
- Maintenance of parking / traffic

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$460,000

Total Project Budget: \$760,000

This project is a result of the Transportation Master Plan. It was identified by Council as a high priority project. The project considers making Portal Lane a one-way entrance during high peak tourist seasons, and during special events, and directing exiting vehicles on to Ranger Road and/or Brewer Road. This will greatly reduce the number of vehicles needing to make a U-turn at the Schnebly Hill roundabout, which will reduce congestion and improve travel time for northbound SR 179. Land acquisition will be necessary in order to make this a public connection.

Status: A design proposal received from SWI to conduct a Feasibility Study and preliminary design to identify the preferred location of the connection remains under review and consideration. Staff is currently focused on identifying project opportunities and needs with stakeholder input in order to capture all appropriate components of the feasibility and design work scope.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	0%	September 2018
Construction	0%	TBD

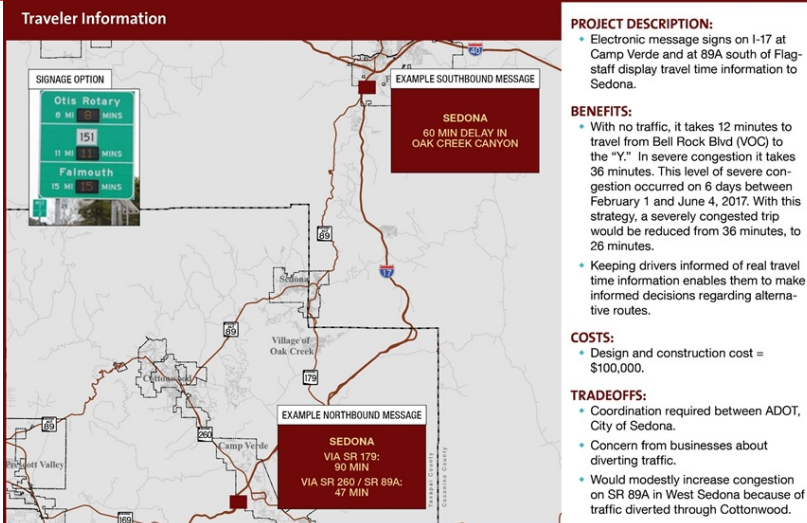


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Sedona in Motion – Traveler Information

FY18 CIP Update



KEY FEATURES:

Consultant: TBD

Contractor: TBD

Timing: June 2018 – FY 20

Construction Challenges:

- Communications capabilities

Project Manager:

Stephen Craver, PE
 (928) 203-5059

SCraver@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$150,000

Total Project Budget: \$908,500

This project is a result of the Transportation Master Plan. It was identified by Council as a high priority project. This project consists of providing real-time information to travelers through a variety of methods.

Status: The travel-time information signage as shown in the image above is being considered by ADOT for a pilot program, where temporary message boards would provide travel time information. The city expects to have an update on the status of the pilot program following a meeting in late May. Permanent signage for the SR 260 / SR 89A route would not be considered until the current project on SR 260 is completed. Staff is also working with a vendor to identify locations for camera installations along the SR 179 corridor, to allow residents and tourists to view current traffic conditions.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	0%	TBD
Construction	0%	TBD



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WWRP Bar Screen & Headworks Replacement

FY18 CIP Update



KEY FEATURES:

Consultant: Sunrise Engineering, Inc.

Contractor: Fann Environmental, LLC

Construction Challenges:

- Treatment Plant must remain operational during construction

Project Manager:

Roxanne Holland, PE
(928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
(928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$716,775

Total Project Budget: \$935,000

The WWRP Bar Screen & Headworks Replacement Project will replace two existing bar screens with new bar screens. The bar screens are a vital part of wastewater treatment which remove solids at the start of the treatment process.

Status: The project was advertised for bid in September 2017 and City Council approved a construction contract with Fann Environmental, LLC at the September 26, 2017 City Council meeting. Notice to proceed was issued on October 9, 2017. The project will take 250 days to complete because of long lead times for production of the bar screen equipment.

Equipment is currently being manufactured and is expected to be delivered on May 15, 2018. Physical construction at the WWRP will begin once the equipment is delivered.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	100%	December 2016
Construction	15%	June 2018



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WWRP Recharge Well No. 3 and No. 4

FY18 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers, Inc.
Contractor: KP Ventures Well Drilling and Pump Company, LLC

Construction Challenges:

- Start-up and Programming

Project Manager:
 Roxanne Holland, PE
 (928) 203-5069
RHolland@SedonaAZ.gov

City Engineer:
 J. Andy Dickey, PE
 (928) 203-5039
ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$1,990,275
Total Project Budget: \$12,664,758

The Wastewater Department began operating Recharge Well No. 1 and Well No. 2 in July 2017 after final completion and start-up of the two wells was achieved.

This project includes design, drilling and equipping of Recharge Well No. 3 and/or Well No. 4. The need to complete both wells will be determined during the design phase.

Status: Design for the recharge wells has begun and is approximately 15% complete. In addition to the recharge wells, the city is required to install a Point of Compliance (POC) well.

A Job Order Contract was awarded to KP Ventures Well Drilling and Pump Company for the drilling of the POC well and drilling of future recharge wells. KP Ventures has achieved drilling to the final depth of the POC well and completed the casing installation and development of the well. Remaining work includes installing a permanent pump. The project is anticipated to be complete in May 2018.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

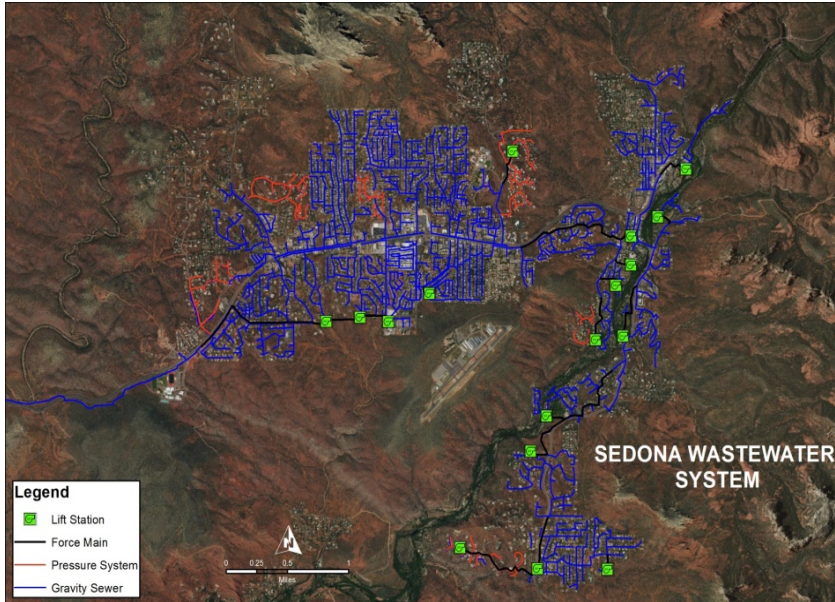
Project Phase	% Completion	Completion Date
Design	15%	Fall 2018
Construction (POC Well)	90%	Spring 2018



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Mystic Hills & Chapel Lift Station Replacement

FY18 CIP Update



KEY FEATURES:

Consultant: Sunrise Engineering, Inc.

Contractor: TBD

Construction Challenges:

- Maintaining operation during construction

Project Manager:

Robert Welch, PE
 (928) 203-5120

BWelch@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
 (928) 203-5039

ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$1,170,000

Total Project Budget: \$5,373,800

A condition assessment of existing sewer infrastructure and capacity analysis of the City's Wastewater Collection System was completed as part of the Wastewater Master Plan Update. Evaluation of the operation of the City's 17 lift stations led to identification of improvements needed at 2 of the lift stations: Mystic Hills and Chapel.

This project will provide design and construction for an increase in the wet well capacity and upgrades to the pumps.

Status: The project is currently in design with our consultant Sunrise Engineering. The consultant has completed geotechnical investigations and site surveys for both the Chapel and Mystic Hills Lift Station sites. Current design focus is on preliminary design, including analysis and sizing of system facilities and development of site layout options. A preliminary design of the improvements is anticipated for completion in June.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	0%	Summer 2018
Construction	0%	Winter 2018/19



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WWRP Tertiary Filters Upgrade

FY18 CIP Update



KEY FEATURES:

Consultant: Carollo Engineers, Inc.

Contractor: TBD

Construction Challenges:

- Maintaining operation during construction

Project Manager:

Roxanne Holland, PE
(928) 203-5069

RHolland@SedonaAZ.gov

City Engineer:

J. Andy Dickey, PE
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ADickey@SedonaAZ.gov

\$ FY18 Project Budget: \$965,000

Total Project Budget: \$1,485,000

The tertiary filters at the Wastewater Reclamation Plant (WWRP) are essential to the treatment process. Currently the tertiary filters consist of sand filters, which are part of the original design of the WWRP. Recently, inefficiencies of the filters have surfaced and costly repairs are needed.

This project will evaluate the efficiencies, capital cost, and operating cost of rehabilitating the existing sand filters vs. switching to a different type of media for tertiary filtration. The project will also consist of design and construction.

Status: Carollo Engineers is preparing a Preliminary Design Report (PDR) which will compare rehabilitation of the existing sand filters to new media in order to determine the most cost effective and efficient filtration process over a 20-year life cycle.

Preliminary evaluations have narrowed new media to include cloth media disks as an alternative to rehabilitation of the existing sand filters. A draft PDR is currently under review by City staff and the final PDR is expected to be complete in May 2018.

For a copy of this update, or updates for other projects, visit the projects website at: www.sedonaaz.gov/CIP.

Project Status

April 2018

Project Phase	% Completion	Completion Date
Design	60%	Spring 2018
Construction	0%	Fall 2018